

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S4	107	475/215.cds. not S3	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/12/19 14:08
S3	202	475/216.cds.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/12/20 16:23
S19	204	TOROTRAK.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/12/20 16:41
S20	185	S19 transmission	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2006/12/20 16:42
S31	32	("2164504"   "3479908"   "3545202"   "3580107"   "3714845"   "3820416"   "4297918"   "4402237"   "4569251"   "4662240"). PN. OR ("4768398").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/08/19 18:30
S32	6	("4464952"   "4768398"   "5453061"   "5607372"   "6099431"   "6251039"). PN. OR ("7160220").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/08/19 18:32
S33	18	("3091132"   "4768398"   "5098350"   "5232414"   "5401221").PN. OR ("5564998").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/08/19 18:34
S36	16	("4628766"   "4662240"   "4768398"   "4872371"   "5368529"   "5607372"). PN. OR ("6099431").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/08/19 18:36
S35	18	("2164504"   "2755683"   "3494224"   "3545302"   "4233851"   "4297918"   "4355547").PN. OR ("4662240").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/08/19 18:36
S34	18	("2164504"   "2755683"   "3494224"   "3545302"   "4233851"   "4297918"   "4355547").PN. OR ("4662240").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/08/19 18:36
S37	20	("3545303"   "3583256"   "3938604"   "4258585"   "4471669"   "4485691"   "4497218"   "4519275"). PN. OR ("4569251").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/08/19 18:38

S40	239	475/218.ccls. not (S38 or S39)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/08/19 20:54
S39	114	475/215.ccls. not S38	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/08/19 20:54
S43	109	475/209.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/08/19 20:55
S42	330	475/207.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/08/19 20:55
S41	209	475/216.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/08/19 20:55
S46	268	74/414.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/08/19 22:36
S45	356	74/413.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/08/19 22:36
S38	209	475/216.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/08/19 22:36
S48	71	S47 radial\$3 (fix\$3 or stationary)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/08/19 22:37
S47	813	S44 or S45 or S46	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/08/19 22:37
S49	12	("1551565"   "3513715"   "4361058"   "4422531"   "5131498"   "5339707"   "5366422"   "6302819"   "6306059").PN. OR ("6666103").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/08/19 23:05
S50	3	((S47 ((fix\$3 or station\$4) near2 carrier)) not S48	US-PGPUB; USPAT; USOCR	AND	ON	2007/08/19 23:12
S52	268	74/414.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/08/20 01:11
S57	25	S56 carrier not S52	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/08/20 01:16
S56	813	S54 or S55 or S52	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/08/20 01:16
S55	356	74/413.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/08/20 01:16

S54	207	74/412R.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/08/20 01:16
S53	7	S52 carrier	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/08/20 01:16
S59	758	475/331.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/08/20 01:39
S58	17	("3894621"   "3970398"   "4175404"   "4292001"   "4343563"   "4395247"   "4509381"   "4932809"   "5505662"   "5558456"   "5715918"   "5829135"   "6327934"   "6467565"   "6530859"   "6553868"   "6648106").PN. OR ("6877928").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/08/20 01:39
S60	384	S59 carrier	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/08/20 01:40
S64	89	S59 (carrier near2 fix\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/08/20 01:42
S63	0	S59 (carrier near2 fix\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/08/20 01:42
S62	0	S59 (carrier near fix\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/08/20 01:42
S61	233	S60 fixed	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/08/20 01:42
S65	0	("2005/0215389").URPN.	USPAT	AND	ON	2007/08/20 01:56
S66	109	((TAKASHI) near2 (SHIMI ZU)).INV.	US-PGPUB; USPAT	AND	ON	2007/08/20 01:57
S67	7	((HIDETO) near2 (WATANABE)).INV.	USPAT; USOCR	AND	ON	2007/08/20 02:09
S68	41	((HIROSHI) near2 (HATA)). INV.	US-PGPUB; USPAT	AND	ON	2007/08/20 02:10
S71	6	((HIDEAKI) near2 (KOMADA)).INV.	US-PGPUB; USPAT	AND	ON	2007/08/20 02:12
S70	0	("2005/0215389").URPN.	USPAT	AND	ON	2007/08/20 02:12
S69	1	((MASHIRO) near2 (KOJIMA)).INV.	US-PGPUB; USPAT	AND	ON	2007/08/20 02:12
S72	11	((MASATAKA) near2 (SUGIYAMA)).INV.	US-PGPUB; USPAT	AND	ON	2007/08/20 02:13

S73	6	((KENJI) near2 (ODAKA)). INV.	US-PGPUB; USPAT	AND	ON	2007/08/20 03:14
S74	2	("5391125"   "5466198"). PN.	US-PGPUB; USPAT	AND	ON	2007/08/20 03:17
S75	20	("2547677"   "2591743"   "3227006"   "3315547"   "3635103"   "4158967"   "4430909").PN. OR ("5466198").URFN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/08/20 03:21
S76	2	("5391125"   "5466198"). PN. OR ("7011599").URFN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/08/20 03:24
S79	89	S78	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/08/20 03:29
S78	89	S77 (carrier near2 fix\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/08/20 03:29
S82	0	("3303713").URFN.	USOCR	AND	ON	2007/08/20 04:30
S81	13	("3303713").URFN.	USPAT	AND	ON	2007/08/20 04:30
S80	1	("3303713").PN.	USPAT	OR	OFF	2007/08/20 04:30
S83	4	("3303713").PN.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2007/08/20 04:31
S84	2	10/956135	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/08/20 04:35
S86	3	ichioka.in. (October)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/08/20 04:36
S85	1359	ichioka.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/08/20 04:36
S88	6	("3771622"   "4136580"   "4315440"   "4429587"   "6223616"   "6223858"). PN.	USPAT	AND	ON	2007/08/20 04:38
S87	16	ichioka.in. (Oct\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/08/20 04:38
S89	561	*475*/\$.cds. (ring near1 gear near1 output)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/08/20 04:40
S77	758	475/331.cds.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/08/20 04:40

S90	19	"475"/331.cds. (ring near1 gear near1 output)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/08/20 04:44
S92	123	S91 planetary	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/08/20 04:45
S91	130	(ring near1 gear near1 output) (carrier near1 (fix \$3 or station\$4 or held))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/08/20 04:45
S94	290	244/60.cds.	USPAT	AND	ON	2007/08/20 04:48
S93	0	("2007/0051846").URPN.	USPAT	AND	ON	2007/08/20 04:48
S95	16	S94 planetary (carrier near1 station\$3 or held or fix\$3)	USPAT	AND	ON	2007/08/20 04:49
S97	24	("20050121916"   "3351304"   "3540311"   "3954029"   "4177693"   "4301981"   "4468985"   "4484491"   "4590820"   "4649307"   "4817382"   "4856377"   "5108043"   "5149311"   "5271295"   "5572910"   "5727378"   "5782433"   "5875690"   "5932940"   "6246138"   "6264138"   "6302356"   "6612195"   "6676073"). PN.	USPAT	AND	ON	2007/08/20 04:54
S96	0	("2007/0051846").URPN.	USPAT	AND	ON	2007/08/20 04:54
S98	25	((J) near2 (BOX)).INV.	US-PGPUB; USPAT	AND	ON	2007/08/20 05:00
S100	17	("3540311"   "4177693"   "4301981"   "4484491"   "4590820"   "4856377"   "5108043"   "5149311"   "5271295"   "5572910"   "5727378"   "5782433"   "5875690"   "6246138"   "6264138"   "6302356"   "6612195").PN.	US-PGPUB; USPAT	AND	ON	2007/08/20 05:02
S99	26	((JULES) near2 (KISH)). INV.	US-PGPUB; USPAT	AND	ON	2007/08/20 05:02
S101	1	("3983764").PN.	USPAT	OR	OFF	2007/08/20 06:19
S102	10	("3303713").PN. OR ("3983764").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/08/20 06:24
S103	650	(fixed adj carrier) planetary	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/08/20 06:26

S106	37	S105 (elastic or resil\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/08/20 06:27
S105	217	S103 spline	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/08/20 06:27
S104	0	S103 spline resilient	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/08/20 06:27
S107	22	("2091268"   "4895236"   "5199325"   "5323871"   "5358084"   "5407024"   "5462496"   "5779013"   "5915513"   "6167997"   "6318531"   "6412618"   "6428441"   "6454674"   "6484857").PN. OR ("6725990").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/08/20 08:56
S108	1	10/756024	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/08/20 08:57
S109	0	("2005/0178892").URPN.	USPAT	AND	ON	2007/08/20 09:07
S110	0	("2005/0153812").URPN.	USPAT	AND	ON	2007/08/20 09:09
S111	0	("2003/0186771").URPN.	USPAT	AND	ON	2007/08/20 09:40
S44	207	74/412R.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/08/22 14:45
S113	8	S112 carrier	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/08/22 14:46
S112	207	74/412R.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/08/22 14:46
S114	10	("1870076"   "20030115877"   "3861484"   "4077236"   "4295348"   "4759229"   "4876849"   "6176785"   "6309154").PN. OR ("6846258").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/08/22 16:10
S116	612	planetary carrier flexible radial movement	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/08/22 16:11
S115	0	planetary carrier flexible radial movement	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/08/22 16:11
S117	182	S116 ("475"/\$.ccls. or "74"/ \$.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/08/22 16:12

S118	171	("0719595"   "1121210"   "1175677"   "1380006"   "1629902"   "1858696"   "1930228"   "20040171452"   "20040224808"   "20050073127"   "20050079944"   "20050079948"   "20050085326"   "20050085327"   "20050085334"   "20050085335"   "20050085336"   "20050085337"   "20050085338"   "20050096176"   "20050096177"   "20050096178"   "20050096179"   "20050111982"   "20050113202"   "20050113208"   "20050113210"   "20050117983"   "20050119086"   "20050119087"   "20050119090"   "20050119091"   "20050119092"   "20050119093"   "20050119094"   "20050124453"   "20050124455"   "20050124456"   "20050130784"   "20050137046"   "20050137051"   "20050137052"   "20050148422"   "20050148423"   "20050153808"   "20050153809"   "20050153810"   "20050159265"   "20050159266"   "20050164819"   "20050170927"   "20050176544"   "20050176545"   "20050178893"   "20050197231"   "20050209041"   "20050255957"   "2086491"   "2112763"   "2152796"   "2209254"   "2469653"   "2596538"   "2675713"   "2730904"	US-PGPUB; USPAT; USOCR	AND	ON	2007/08/22 16:23
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		"2868038"   "2931234"   "2931235"   "2959063"   "2959972"   "3248960"   "3273468"   "3280646"   "3487726"   "3487727"   "3661404"   "3695120"   "3707888"   "3736803"   "3768715"   "3891235"   "3954282"   "3996807"   "4169609"   "4177683"   "4227712"   "4391156"   "4459873"   "4496051"   "4574649"   "4585429"   "4630839"   "4700581"   "4735430"   "4756211"   "4856374"   "4869130"   "4900046"   "4909101"   "5020384"   "5037361"   "5069655"   "5121654"   "5125677"   "5156412"   "5230258"   "5236211"   "5236403").PN. OR ("5318486"   "5379661"   "5383677"   "5451070"   "5601301"   "5645507"   "5651750"   "5690346"   "5746676"   "5899827"   "5967933"   "5984826"   "6000707"   "6053841"   "6066067"   "6095940"   "6119539"   "6159126"   "6186922"   "6241636"   "6322475"   "6325386"   "6390946"   "6406399"   "6419608"   "6461268"   "6551210"   "6575047"   "6676559"   "6679109"   "6689012"   "6805654"   "6945903"   "6949049"   "6991579"   "7011600"   "7036620"   "7063640"). PN. OR ("7250018").URFN.				
S119	21	("1737997"   "1811921"   "1985645"   "3401580"   "3817125"   "4096769"   "4249431"   "4302988"   "4465162"   "4483216"   "4648288"   "4938087"   "5021035"   "5292292"   "5928105").PN. OR ("6344009").URFN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/08/22 16:49
S120	6	("3289488"   "3401580"   "6253589"   "6344009"). PN. OR ("6893375").URFN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/08/22 17:30
S121	9	("3289488").URFN.	USPAT	AND	ON	2007/08/22 17:35



S122	19	("0487615"   "1123582"   "1586309"   "3289488"   "3673891"   "4043226"   "4668013"   "4882943"). PN. OR ("5098359").URFN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/08/22 17:43
S123	6	("3081648"   "4882943"   "5098359"   "5183447"). PN. OR ("5336137").URFN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/08/22 17:55
S124	25	("2444363"   "2492020"   "2703021"   "2956451"   "2989288"   "3011365"   "3188888"   "3289488"   "3352178"   "4096769"). PN. OR ("4384498").URFN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/08/22 18:39
S125	20	("2768698"   "3030784"   "3258995"   "3383954"   "3633441"   "3640150"   "3952546"   "4384498"   "4395809"   "4654951"   "4674351"   "4751855"). PN. OR ("4843912").URFN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/08/22 18:42
S126	25	("2444363"   "2492020"   "2703021"   "2956451"   "2989288"   "3011365"   "3188888"   "3289488"   "3352178"   "4096769"). PN. OR ("4384498").URFN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/08/22 21:12
S127	6	("3289488"   "3401580"   "6253589"   "6344009"). PN. OR ("6893375").URFN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/08/24 11:57
S128	10	("3401580").URFN.	USPAT	AND	ON	2007/08/24 12:02
S129	12	("2703021"   "2802377"   "3401580").PN. OR ("3776067").URFN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/08/24 12:05
S130	4	("5611746"   "5964126"   "6361466").PN. OR ("6705966").URFN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/08/24 12:24
S131	204	475/248.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/08/24 12:25
S132	1	("3461743").URFN.	USPAT	AND	ON	2007/08/24 13:51
S133	10	("3401580").URFN.	USPAT	AND	ON	2007/08/24 14:35
S134	25	("2444363"   "2492020"   "2703021"   "2956451"   "2989288"   "3011365"   "3188888"   "3289488"   "3352178"   "4096769"). PN. OR ("4384498").URFN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/08/24 15:15

S136	331	475/347.ccls.	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2007/08/24 15:22
S135	374	475/347.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/08/24 15:22
S137	0	("266698").URPN.	USPAT	AND	ON	2007/08/24 15:23
S138	11	("3011365").URPN.	USPAT	AND	ON	2007/08/24 16:03
S139	23	("2460629"   "3016757"   "3090258"   "3218889"   "3274980"   "3355955"   "3511114"   "3513724"   "3527121").PN. OR ("3974718").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/08/24 16:17
S140	19	("1027236"   "1244223"   "3943780"   "3974718"). PN. OR ("4106366").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/08/24 16:20
S141	14	("2763160"   "3477547"   "3737000").PN. OR ("4116293").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/08/24 16:25
S142	10	("3303713"   "3605522"   "3771622"   "4096769"   "4106366"   "4136580"   "4315440"   "4429587"   "6223616"   "6223858"). PN.	US-PGPUB; USPAT	AND	ON	2007/09/03 23:43
S145	8	S143 S144	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/27 15:39
S144	36397	gap with bearing	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/27 15:39
S143	883	74/410.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/27 15:39
S146	1	("5593230").PN.	USPAT	OR	OFF	2008/05/27 15:52
S147	42304	(fixed or stationary or held) near2 carrier	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/27 15:56
S151	88	S147 S150	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/27 15:59
S150	1480	S143 or S148 or S149	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/27 15:59
S149	382	475/347.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/27 15:59

S148	331	475/346.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/27 15:59
S152	59	radial and S151	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/27 16:00
S153	7	("4173059"   "4869139"). PN. OR ("5080642").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/05/28 10:42

5/28/2008 3:21:11 PM

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